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LOGINID:SSSPSTA1805SXM

PASSWORD:

TERMINAL (ENTER 1, 2, 3, OR ?):2

\* \* \* \* \* \* \* \* \* Welcome to STN International \* \* \* \* \* \* \* \* \*

NEWS 1 Web Page URLs for STN Seminar Schedule - N. America  
NEWS 2 Apr 08 "Ask CAS" for self-help around the clock  
NEWS 3 Apr 09 BEILSTEIN: Reload and Implementation of a New Subject Area  
NEWS 4 Apr 09 ZDB will be removed from STN  
NEWS 5 Apr 19 US Patent Applications available in IFICDB, IFIPAT, and IFIUDB  
NEWS 6 Apr 22 Records from IP.com available in CAPLUS, HCAPLUS, and ZCAPLUS  
NEWS 7 Apr 22 BIOSIS Gene Names now available in TOXCENTER  
NEWS 8 Apr 22 Federal Research in Progress (FEDRIP) now available  
NEWS 9 Jun 03 New e-mail delivery for search results now available  
NEWS 10 Jun 10 MEDLINE Reload  
NEWS 11 Jun 10 PCTFULL has been reloaded  
NEWS 12 Jul 02 FOREGE no longer contains STANDARDS file segment  
NEWS 13 Jul 22 USAN to be reloaded July 28, 2002;  
saved answer sets no longer valid  
NEWS 14 Jul 29 Enhanced polymer searching in REGISTRY  
NEWS 15 Jul 30 NETFIRST to be removed from STN  
NEWS 16 Aug 08 CANCERLIT reload  
NEWS 17 Aug 08 PHARMAMarketLetter(PHARMAML) - new on STN  
NEWS 18 Aug 08 NTIS has been reloaded and enhanced  
NEWS 19 Aug 19 Aquatic Toxicity Information Retrieval (AQUIRE)  
now available on STN  
NEWS 20 Aug 19 IFIPAT, IFICDB, and IFIUDB have been reloaded  
NEWS 21 Aug 19 The MEDLINE file segment of TOXCENTER has been reloaded  
NEWS 22 Aug 26 Sequence searching in REGISTRY enhanced  
NEWS 23 Sep 03 JAPIO has been reloaded and enhanced  
NEWS 24 Sep 16 Experimental properties added to the REGISTRY file  
NEWS 25 Sep 16 Indexing added to some pre-1967 records in CA/CAPLUS  
NEWS 26 Sep 16 CA Section Thesaurus available in CAPLUS and CA  
NEWS 27 Oct 01 CASREACT Enriched with Reactions from 1907 to 1985  
NEWS 28 Oct 21 EVENTLINE has been reloaded  
NEWS 29 Oct 24 BEILSTEIN adds new search fields  
NEWS 30 Oct 24 Nutraceuticals International (NUTRACEUT) now available on STN  
NEWS 31 Oct 25 MEDLINE SDI run of October 8, 2002  
NEWS 32 Nov 18 DKILIT has been renamed APOLLIT  
  
NEWS EXPRESS October 14 CURRENT WINDOWS VERSION IS V6.01,  
CURRENT MACINTOSH VERSION IS V6.0a(ENG) AND V6.0Ja(JP),  
AND CURRENT DISCOVER FILE IS DATED 01 OCTOBER 2002  
NEWS HOURS STN Operating Hours Plus Help Desk Availability  
NEWS INTER Géneral Internet Information  
NEWS LOGIN Welcome Banner and News Items  
NEWS PHONE Direct Dial and Telecommunication Network Access to STN  
NEWS WWW CAS World Wide Web Site (general information)

Enter NEWS followed by the item number or name to see news on that specific topic.

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\* \* \* \* \* STN Columbus \* \* \* \* \*

FILE 'HOME' ENTERED AT 15:39:49 ON 20 NOV 2002

=> file dedline caplus embase biotechno scisearch biosis  
'DEDLINE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE):file medline caplus embase biotechno scisearch biosis  
'FILE' IS NOT A VALID FILE NAME

Enter "HELP FILE NAMES" at an arrow prompt (=>) for a list of files that are available. If you have requested multiple files, you can specify a corrected file name or you can enter "IGNORE" to continue accessing the remaining file names entered.

ENTER A FILE NAME OR (IGNORE): medline caplus embase biotechno scisearch biosis  
COST IN U.S. DOLLARS SINCE FILE TOTAL

FULL ESTIMATED COST ENTRY SESSION  
0.63 0.63

FILE 'CAPLUS' ENTERED AT 15:41:19 ON 20 NOV 2002

USE IS SUBJECT TO THE TERMS OF YOUR STN CUSTOMER AGREEMENT.

PLEASE SEE "HELP USAGETERMS" FOR DETAILS.

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FILE 'EMBASE' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'BIOTECHNO' ENTERED AT 15:41:19 ON 20 NOV 2002

COPYRIGHT (C) 2002 Elsevier Science B.V., Amsterdam. All rights reserved.

FILE 'SCISEARCH' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'BIOSIS' ENTERED AT 15:41:19 ON 20 NOV 2002

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FILE 'MEDLINE' ENTERED AT 15:41:19 ON 20 NOV 2002

=> s short heterodimer partner  
L1 84 SHORT HETERODIMER PARTNER

=> antisense or anti-sense

ANTISENSE IS NOT A RECOGNIZED COMMAND

The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (=>).

=> s antisense or anti-sense  
L2 113923 ANTISENSE OR ANTI-SENSE

=> s l1 and l2  
L3 0 L1 AND L2

=> s shp-1  
L4 2620 SHP-1

=> s 14 and 12  
L5 15 L4 AND L2

=> dup rem 15  
PROCESSING COMPLETED FOR L5  
L6 4 DUP REM L5 (11 DUPLICATES REMOVED)

=> d 1-4' ti

- L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
TI Angiotensin II activation of the JAK/STAT pathway in mesangial cells is altered by high glucose
- L6 ANSWER 2 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R)  
TI G alpha(i2) enhances insulin signaling via suppression of protein-tyrosine phosphatase 1B
- L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
TI Antisense oligonucleotide modulation of SHP-1 tyrosine phosphatase expression
- L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
TI The transmembrane protein tyrosine phosphatase RPTP.sigma. modulates signaling of the epidermal growth factor receptor in A431 cells

=> d ab 3

- L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
AB Antisense compds., compns. and methods are provided for modulating the expression of SHP-1 (also known as Src homol. region 2-domain phosphatase, SHP, PTP1C, SHPTP1, HCP, and PTPN6), a cytosolic tyrosine phosphatase known to be involved in immune and hematol. function. The compns. comprise antisense compds., particularly antisense oligonucleotides, targeted to nucleic acids encoding SHP-1. Methods of using these compds. for modulation of SHP-1 expression and for treatment of diseases assocd. with expression of SHP-1 are provided.

=> d 1-4

- L6 ANSWER 1 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 1  
AN 2002:391192 CAPLUS  
DN 137:88796  
TI Angiotensin II activation of the JAK/STAT pathway in mesangial cells is altered by high glucose.  
AU Amiri, Farhad; Shaw, Sean; Wang, Xiaodan; Tang, Jie; Waller, Jennifer L.; Eaton, Douglas C.; Marrero, Mario B.  
CS Vascular Biology Center, Medical College of Georgia, Augusta, GA, USA  
SO Kidney International (2002), 61(5), 1605-1616  
CODEN: KDYIA5; ISSN: 0085-2538  
PB Blackwell Publishing, Inc.  
DT Journal  
LA English  
RE.CNT 40 THERE ARE 40 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

- L6 ANSWER 2 OF 4 SCISEARCH COPYRIGHT 2002 ISI (R)  
AN 2001:869072 SCISEARCH  
GA The Genuine Article (R) Number: 485XR  
TI G alpha(i2) enhances insulin signaling via suppression of protein-tyrosine phosphatase 1B

AU Tao J C; Malbon C C (Reprint); Wang H Y  
CS SUNY Stony Brook, Pharmacol HSC, Ctr Med, Dept Mol Pharmacol, Stony Brook,  
NY 11794 USA (Reprint); SUNY Stony Brook, Med Ctr, Dept Physiol & Biophys,  
Diabet & Metab Dis Res Program, Stony Brook, NY 11794 USA  
CYA USA  
SO JOURNAL OF BIOLOGICAL CHEMISTRY, (26 OCT 2001) Vol. 276, No. 43, pp.  
39705-39712.  
Publisher: AMER SOC BIOCHEMISTRY MOLECULAR BIOLOGY INC, 9650 ROCKVILLE  
PIKE, BETHESDA, MD 20814 USA.  
ISSN: 0021-9258.  
DT Article; Journal  
LA English  
REC Reference Count: 58  
\*ABSTRACT IS AVAILABLE IN THE ALL AND IALL FORMATS\*

L6 ANSWER 3 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 2  
AN 2000:658425 CAPLUS  
DN 133:247305  
TI Antisense oligonucleotide modulation of SHP-1  
tyrosine phosphatase expression  
IN Bennett, C. Frank; Cowser, Lex M.  
PA Isis Pharmaceuticals Inc., USA  
SO U.S., 33 pp.  
CODEN: USXXAM  
DT Patent  
LA English  
FAN.CNT 1

PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI US 6121047	A	20000919	US 1999-358685	19990721
WO 2001007656	A1	20010201	WO 2000-US19630	20000719
W: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CR, CU, CZ, DE, DK, DM, DZ, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, AM, AZ, BY, KG, KZ, MD, RU, TJ, TM RW: GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW, AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG				
EP 1210454	A1	20020605	EP 2000-947510	20000719
R: AT, BE, CH, DE, DK, ES, FR, GB, GR, IT, LI, LU, NL, SE, MC, PT, IE, SI, LT, LV, FI, RO, MK, CY, AL				
PRAI US 1999-358685	A	19990721		
WO 2000-US19630	W	20000719		

RE.CNT 30 THERE ARE 30 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

L6 ANSWER 4 OF 4 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
AN 1999:494258 CAPLUS  
DN 131:238356  
TI The transmembrane protein tyrosine phosphatase RPTP.sigma. modulates  
signaling of the epidermal growth factor receptor in A431 cells  
AU Pestana, Eduardo Suarez; Tenev, Tencho; Gross, Steffen; Stoyanov,  
Borislav; Ogata, Masato; Bohmer, Frank-D.  
CS Research Unit "Molecular Cell Biology", Klinikum der Friedrich-Schiller  
Universitat Jena, Jena, D-07747, Germany  
SO Oncogene (1999), 18(28), 4069-4079  
CODEN: ONCNES; ISSN: 0950-9232  
PB Stockton Press  
DT Journal  
LA English  
RE.CNT 51 THERE ARE 51 CITED REFERENCES AVAILABLE FOR THIS RECORD  
ALL CITATIONS AVAILABLE IN THE RE FORMAT

=> s NR0B2  
L7 22 NR0B2

=> s l7 and l2  
L8 0 L7 AND L2

=> small heteronuclear receptor  
SMALL IS NOT A RECOGNIZED COMMAND  
The previous command name entered was not recognized by the system.  
For a list of commands available to you in the current file, enter  
"HELP COMMANDS" at an arrow prompt (>).

=> s small heteronuclear receptor  
L9 0 SMALL HETEROGENUCLEAR RECEPTOR

=> s small heteronuclear partner  
L10 0 SMALL HETEROGENUCLEAR PARTNER

=> s nuclear hormone receptor  
L11 3155 NUCLEAR HORMONE RECEPTOR

=> s l11 and l2  
L12 23 L11 AND L2

=> dup rem l12  
PROCESSING COMPLETED FOR L12  
L13 11 DUP REM L12 (12 DUPLICATES REMOVED)

=> d ti 1-11

L13 ANSWER 1 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI Sensitization to apoptosis by BAG-1 antisense DNA is through  
modulation of Bcl-2 apoptotic protein family.

L13 ANSWER 2 OF 11 CAPLUS COPYRIGHT 2002 ACS  
TI Molecular mechanisms of adipocyte differentiation

L13 ANSWER 3 OF 11 CAPLUS COPYRIGHT 2002 ACS  
TI Angiogenesis associated proteins, their cDNA and therapeutic use thereof

L13 ANSWER 4 OF 11 SCISEARCH COPYRIGHT 2002 ISI (R) DUPLICATE 1  
TI Lcusp, an ultraspiracle gene from the sheep blowfly, *Lucilia cuprina*: cDNA  
cloning, developmental expression of RNA and confirmation of function

L13 ANSWER 5 OF 11 BIOSIS COPYRIGHT 2002 BIOLOGICAL ABSTRACTS INC.  
TI New dermatological agents for the treatment of psoriasis.

L13 ANSWER 6 OF 11 CAPLUS COPYRIGHT 2002 ACS  
TI Antisense inhibition of peroxisome proliferator-activated  
receptor gamma expression

L13 ANSWER 7 OF 11 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. DUPLICATE 2  
TI Cloning and function of rabbit peroxisome proliferator-activated receptor  
.delta./.beta. in mature osteoclasts.

L13 ANSWER 8 OF 11 MEDLINE  
TI PPAR gamma is required for the differentiation of adipose tissue in vivo  
and in vitro.

L13 ANSWER 9 OF 11 MEDLINE  
TI CHR3: a *Caenorhabditis elegans* orphan nuclear hormone  
receptor required for proper epidermal development and molting.

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
TI The *Caenorhabditis elegans* orphan **nuclear hormone receptor** gene *nhr-2* functions in early embryonic development

L13 ANSWER 11 OF 11 EMBASE COPYRIGHT 2002 ELSEVIER SCI. B.V. DUPLICATE 4  
TI [Overlapping genes].  
LES GENES CHEVAUCHANTS.

=> d ab 9 10

L13 ANSWER 9 OF 11 MEDLINE  
AB *CHR3* is a *Caenorhabditis elegans* orphan **nuclear hormone receptor** highly homologous to *Drosophila DHR3*, an ecdysone-inducible gene product involved in metamorphosis. Related vertebrate factors include RORalpha/RZRalpha, RZRbeta and RevErb. Gel-shift studies show that *CHR3* can bind the DR5-type hormone response sequence. *CHR3* is a nuclear protein present in all blastomeres during early embryogenesis. During morphogenesis, both *CHR3* protein and zygotically active reporter genes are detectable in epidermal cells and their precursors. Inhibition of the gene encoding *CHR3* results in several larval defects associated with abnormal epidermal cell function, including molting and body size regulation, suggesting that *CHR3* is an essential epidermal factor required for proper postembryonic development.

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
AB The authors have identified a *Caenorhabditis elegans* gene, *nhr-2*, that is a member of the **nuclear hormone receptor** superfamily of transcription factors and defines a new subclass of the superfamily. *Nhr-2* mRNA is expressed in the maternal germline and during the first half of embryogenesis. Zygotic expression of *nhr-2* begins by the 16-cell stage, making it one of the earliest genes known to be transcribed in the embryo. Immunolocalization detects *NHR-2* protein in embryonic nuclei as early as the 2-cell stage. The protein is present in every nucleus until the 16- to 20-cell stage. Subsequently, expression continues in many, but not all, cell lineages, becoming progressively restricted to the anterior and dorsal regions of the embryo and disappearing during the initial stages of morphogenesis. Disruption of *nhr-2* function with **antisense** RNA results in embryonic and early larval arrest, indicating that the gene has an essential function in embryonic development. *Nhr-2* does not correspond to known mutations mapped to the same genetic interval, and will provide an entry point for further study of a heretofore uncharacterized zygotic gene regulatory pathway.

=> d 10

L13 ANSWER 10 OF 11 CAPLUS COPYRIGHT 2002 ACS DUPLICATE 3  
AN 1997:302250 CAPLUS  
DN 127:1431  
TI The *Caenorhabditis elegans* orphan **nuclear hormone receptor** gene *nhr-2* functions in early embryonic development  
AU Sluder, Ann E.; Lindblom, Tim; Ruvkun, Gary  
CS Department of Cellular Biology, University of Georgia, Athens, GA, 30602, USA  
SO Developmental Biology (1997), 184(2), 303-319  
CODEN: DEBIAO; ISSN: 0012-1606  
PB Academic  
DT Journal  
LA English